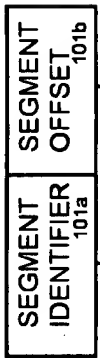


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ADDRESS
TRANSLATION
UNIT
100

VIRTUAL ADDRESS
101



16

32

SEGMENT
DESCRIPTOR
REGISTER



190

32

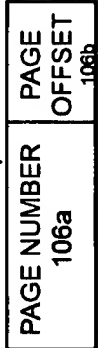
OTHER
ATTRIBUTES
(193-196)

LIMIT
COMPARATOR

102

LINEAR
ADDRESS

32



20

PAGE CACHE

20



107a

SEGMENTATION UNIT 130

BUS INTERFACE
UNIT
180



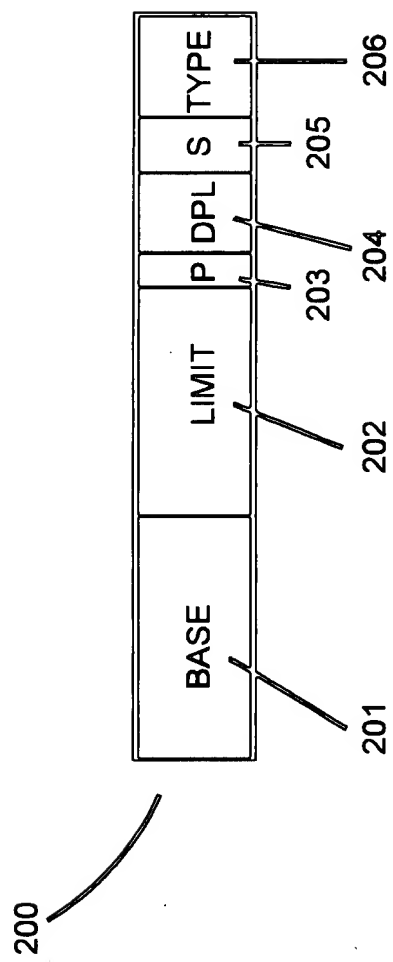
PHYSICAL
ADDRESS

108

PAGING UNIT 150

FIGURE 1
Prior Art

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PRIOR ART SEGMENT DESCRIPTOR REGISTER

FIGURE 2A

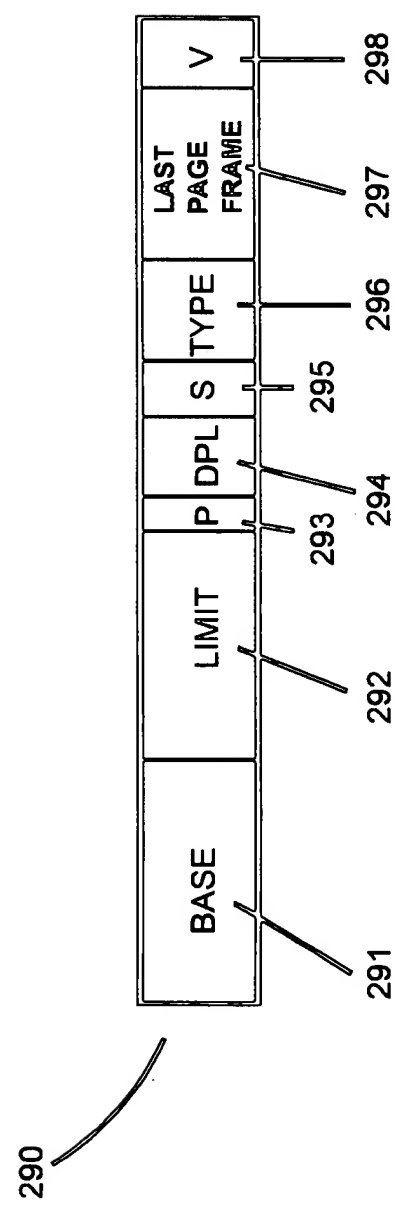


FIGURE 2B

SEGMENT DESCRIPTOR MEMORY

FIGURE 2

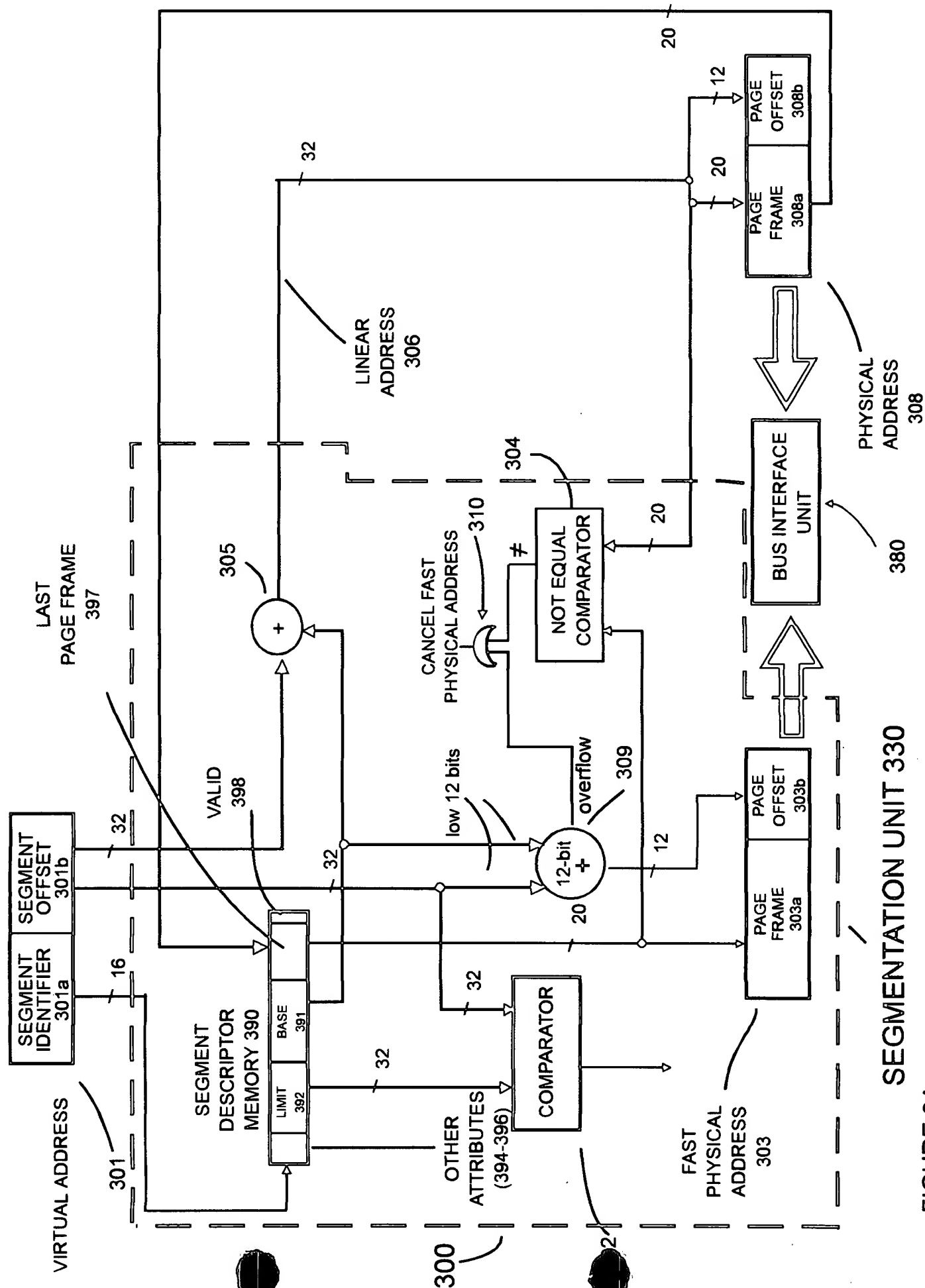


FIGURE 3A

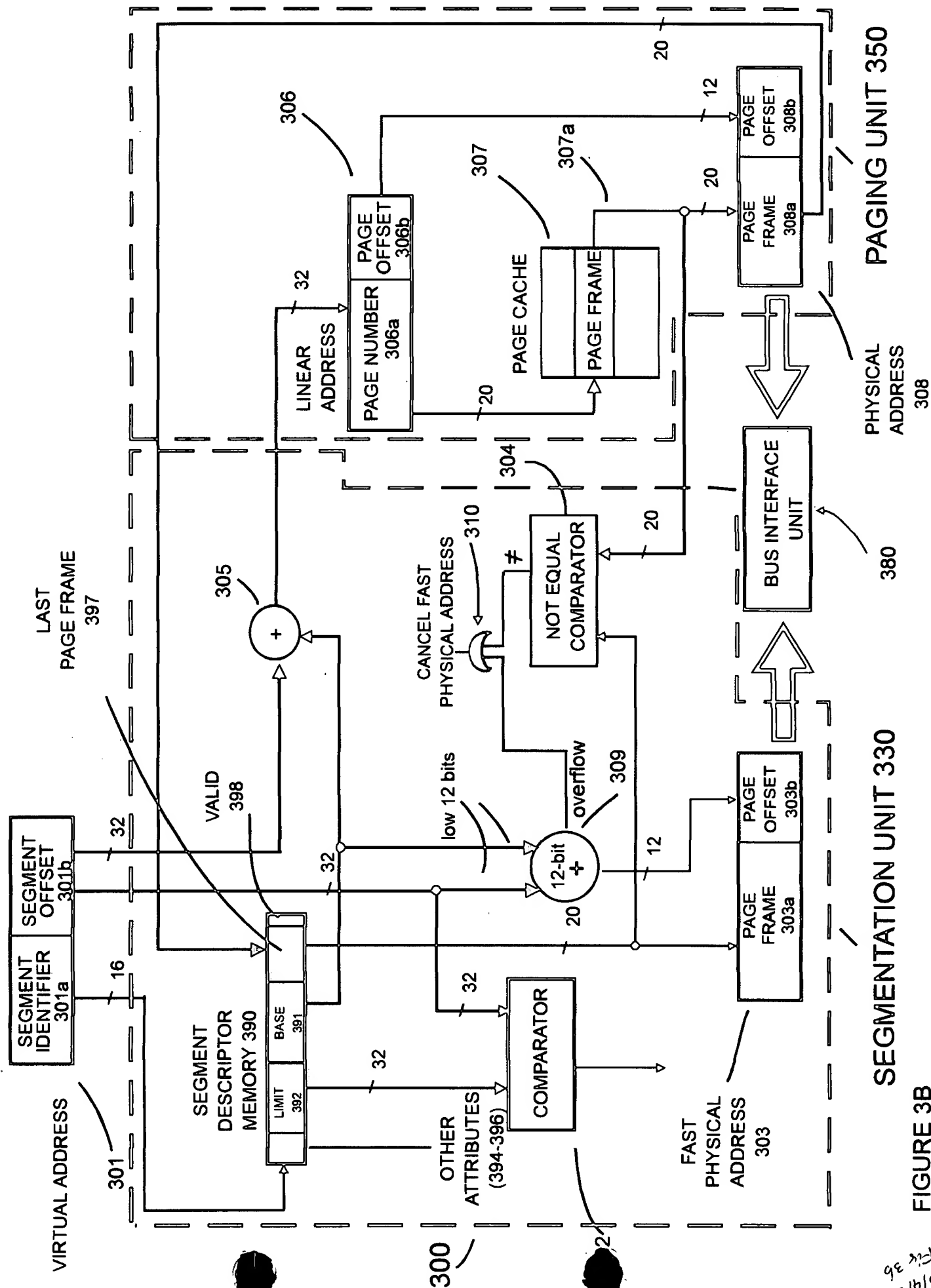


FIGURE 3B

SEGMENTATION UNIT 330

380

PHYSICAL ADDRESS 308

PAGING UNIT 350

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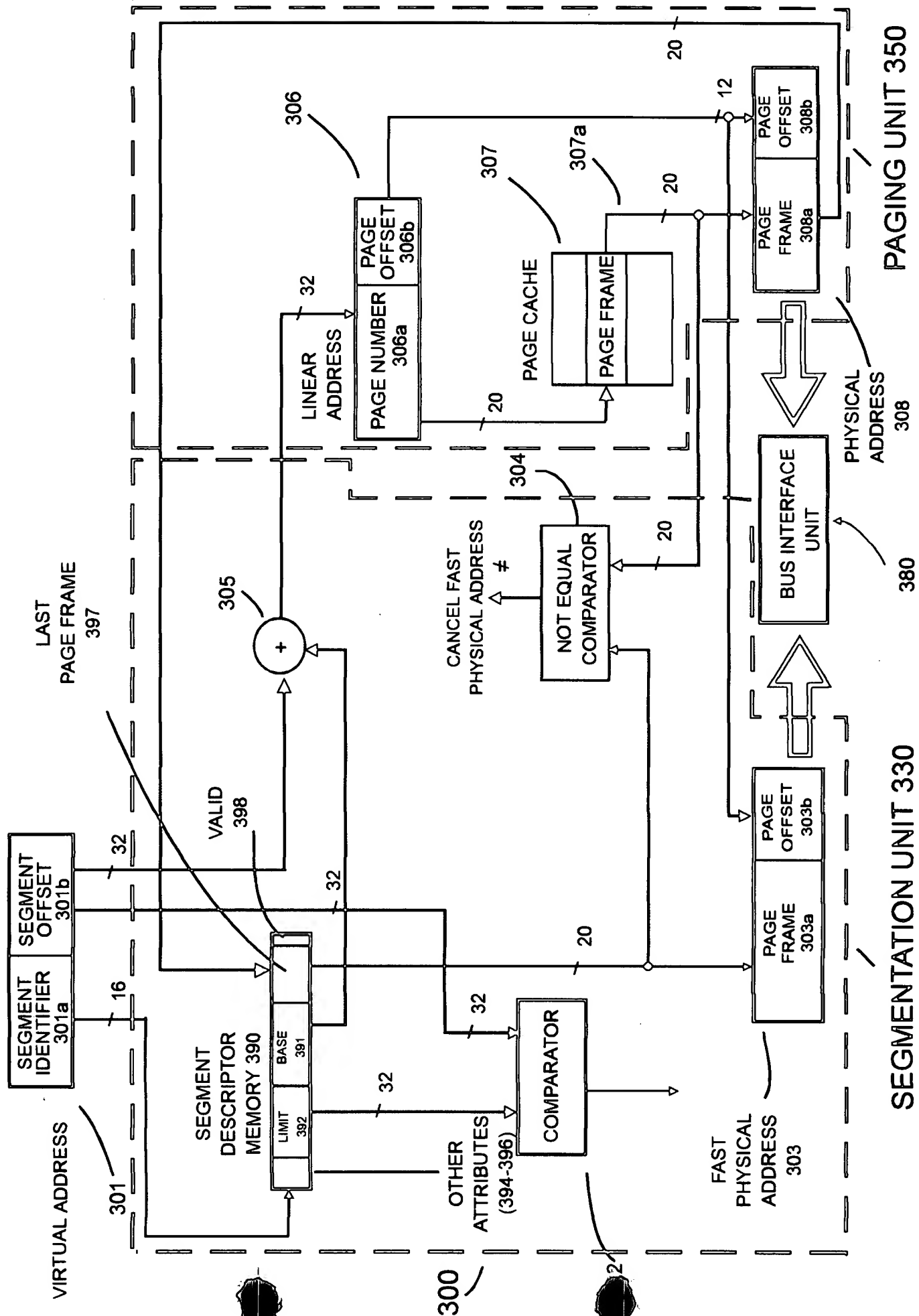


FIGURE 3C